

# iRockall

## New Smart Digital Units generation

**iRockall** is designed to fulfill the highest standards of the processing requirements of the processes of vacuum and refrigerant charge.

**iRockall** is equipped with an electronic control of the latest generation, high computing capacity and memory, and is able to be managed by a smart operating system and easily interactive with the user.

The intelligent electronic control of **iRockall** allows interactivity with the same philosophy and simplicity to operate a modern Tablet / PC with a touchscreen display.

**FT** has maintained from the point of view electromechanical the same characteristics of strength, reliability and accuracy of the models of Rockall penultimate generation.

**iRockall** communicates with the company and is an integral part of the production process. It has its own standard LAN communications interfaces and software suitable to be connected to company networks for control and export directly to the office the reports of work performed. All executed in complete safety.

Thanks to its intelligent connectivity, **iRockall** is already prepared for tele-assistance from the mother company, **FT srl**, enabling significant cost and time savings in critical situations of post-sale.

**iRockall** is available for applications charge of HFC, HC and CO2 over the whole range of products displayed on our catalog.



## Technical Characteristic

	<b>iROCKALL UNO</b>	<b>iROCKALL DUE</b>
<b>Injector/Type</b>	<i>1/FULLFILLER+</i>	<i>2/FULLFILLER+</i>
<b>Injectors lenght</b>	<i>3,3 m, different on demand</i>	
<b>Refrigerant Metering System</b>	<i>1</i>	<i>2</i>
<b>Charging capacity</b>	<i>310 g for HC* / 10 kg for HFC</i>	
<b>Charging speed</b>	<i>up to 25 g/s (HC Refrigerants) fino a 40 g/s (HFC refrigerants)</i>	
<b>Charging speed</b>	<i>±0,5 g (&lt;100 g HC), ±0,5 % (&gt;100 g HC) ±1,0 g (&lt;200 g HFC), ±0,5 % (&gt;200 g HFC)</i>	
<b>Injector connection</b>	<i>¼" Hansen F (ISO 7241B)</i>	
<b>Refrigerant delivery line connection</b>	<i>¼" Hansen M (ISO 7241B)</i>	
<b>Vacuum pump rate</b>	<i>14,2 m<sup>3</sup>/h</i>	
<b>Programmable working cycle</b>	<i>1000</i>	
<b>Control Unit</b>	<i>TS609 Linux Embedded</i>	
<b>Working Temperature</b>	<i>5 + 45 °C</i>	
<b>Compressed air supply</b>	<i>6 + 7 bar not lubricated</i>	
<b>Refrigerant supply</b>	<i>pressurized in liquid phase</i>	
<b>Power supply</b>	<i>400 V – 50 Hz – 3ph+N+earth</i>	
<b>Power consumption</b>	<i>Circa 0,6 kW, con pompa vuoto 14,2 m<sup>3</sup></i>	
<b>Dimensions (h x w x l)</b>	<i>1500 x 600 x 850 mm</i>	
<b>Weight</b>	<i>160 kg</i>	

*technical features are possible*

## Optional features and devices

Light and Acoustic Alarm
E2M18 Vacuum Pump with Oil Mist filter EMF20
DCA (Data Collector Application for LAN Ethernet)
FULLFILLER+ Injector lenght on demand
Automatic working cycle selection performed by bar code reader
Only vacuum head Injector 1/4" Hansen